

IN THE CLAIMS:

1. (currently amended) A [D]device for a security system on an installation in connection with operation of a habitat (10) in which an object that carries out work which results in heat generation, such as flames, sparks and the like, is isolated from the surroundings, and where an overpressure of air is set up inside the habitat (10) to prevent ingress of flammable gases, and comprising systems for supply of electricity and overpressure air to the equipment inside the habitat, and also an alarm system that can warn of irregularities and the like, characterised in

that the safety system comprises a shut-down central (30) to which is connected;

a number of detectors (32-38) placed in or adjacent to the habitat, and which can register parameters such as gases, temperatures, changes in temperature as well as pressure conditions adjacent to and/or inside the habitat, and

~~and~~ the shut-down central (30) is arranged to shut down operation of the heat generating equipment when irregularities arise in the operation of the habitat.

2. (currently amended) The [D]device in accordance with claim 1,

characterised in that the shut-down central (30) shuts down the mentioned operation by shutting off the supply of electricity and air to the heat generating equipment.

3. (currently amended) The [D]device in accordance with claims 1-2,

characterised in that the shut-down central (30) is connected to the installation's own safety system, and thereby also arranged to override the shut-down central's (30) control of the habitat.

4. (currently amended) The [D]device in accordance with claims 1-3,

characterised in that the installation's safety system is arranged to monitor all the habitat's functions.

5. (currently amended) The [D]device in accordance with one of the preceding claims, characterised in that the shut-down central (30) is electrically connected to the installation.

6. (currently amended) The [D]device in accordance with one of the preceding claims, characterised in that a detector in or adjacent to the compressed air inlet of the habitat is connected to the shut-down central (30) to control and ~~possibly~~ be able to shut off the air supply, said compressed air is provided by an itself known method by a fan or a compressor or the like.

7. (currently amended) The [D]device in accordance with claim 6, characterised in that the installation's (10) compressed air system supplies overpressure air to the habitat (10), and the compressed air inlet of the habitat comprises a detector arranged to function according to claim 2.

8. (currently amended) The [D]device in accordance with claims 6-7, characterised in that the overpressure system of the habitat (10) is connected (20) to ~~(gets compressed air from)~~ the installation's compressed air plant.

9. (currently amended) The [D]device in accordance with one of the preceding claims, characterised in that a pressure measuring instrument ~~-(such as a manometer)-~~ inside the habitat is connected to the shut-down central (30) which can then react/~~warn~~ when the pressure in the habitat falls below a certain given pressure, or when ~~one gets~~ there is a sudden drop in pressure that exceeds a given value per unit time inside the habitat.

10. (currently amended) The [D]device in accordance with one of the preceding claims, characterised in that the safety systems of the habitat and the installation are connected together such that the installation's own control system can monitor all the habitat functions, ~~for example,~~ by way of the shut-down central (30), and is arranged to shut off the electricity supply when an ~~something~~ abnormal event arises inside the habitat.